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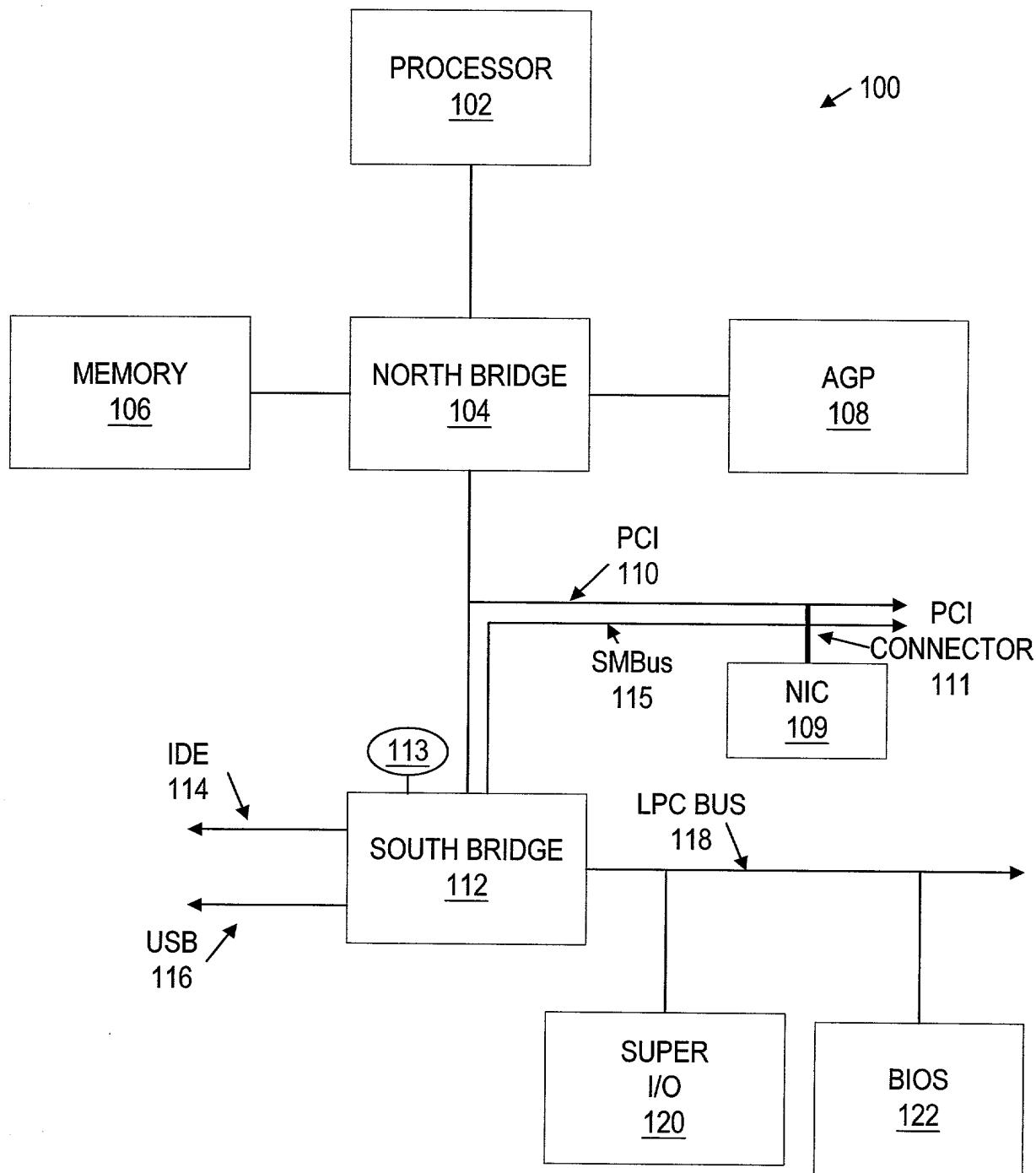


Fig. 1A
(Prior Art)

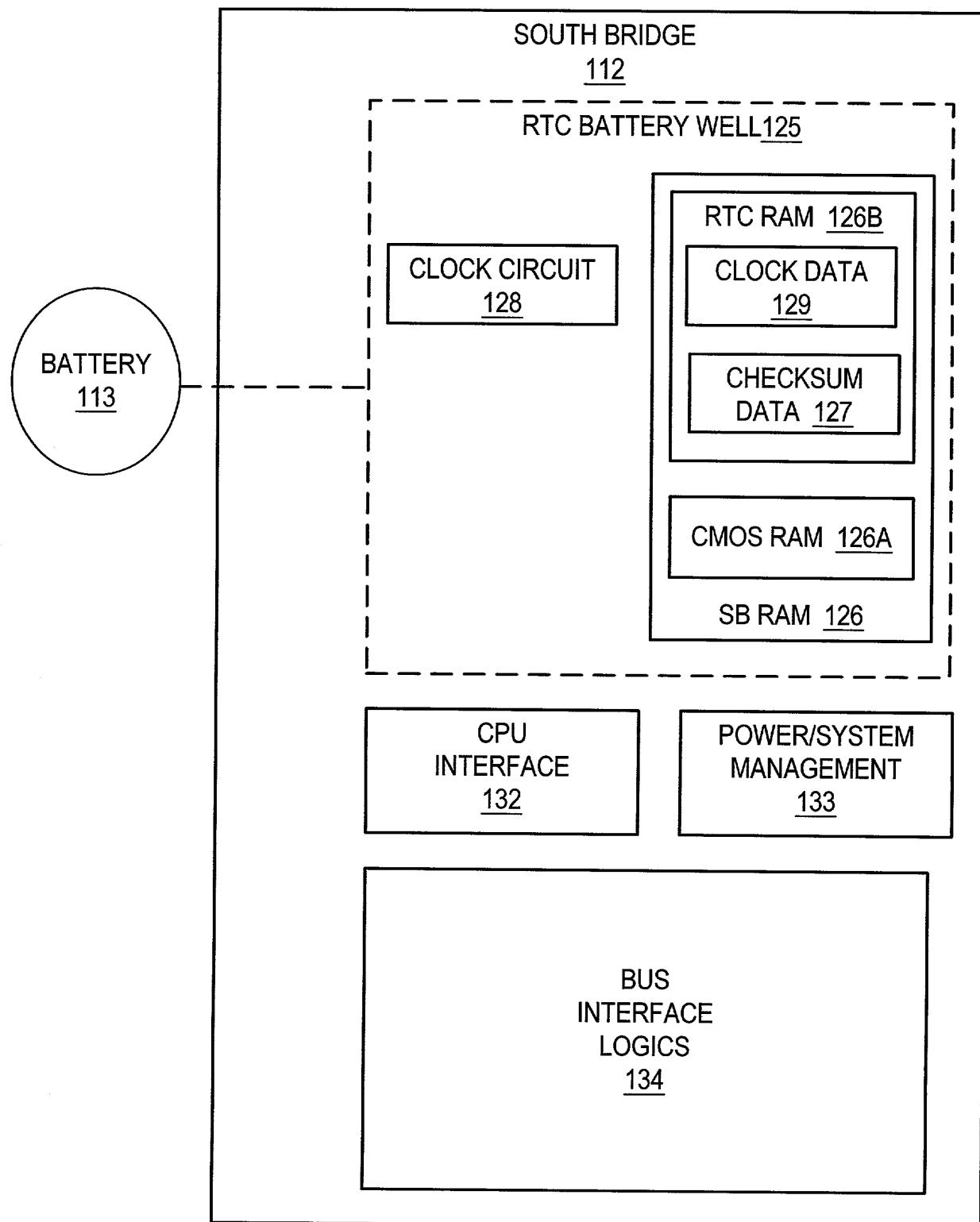


Fig. 1B
(Prior Art)

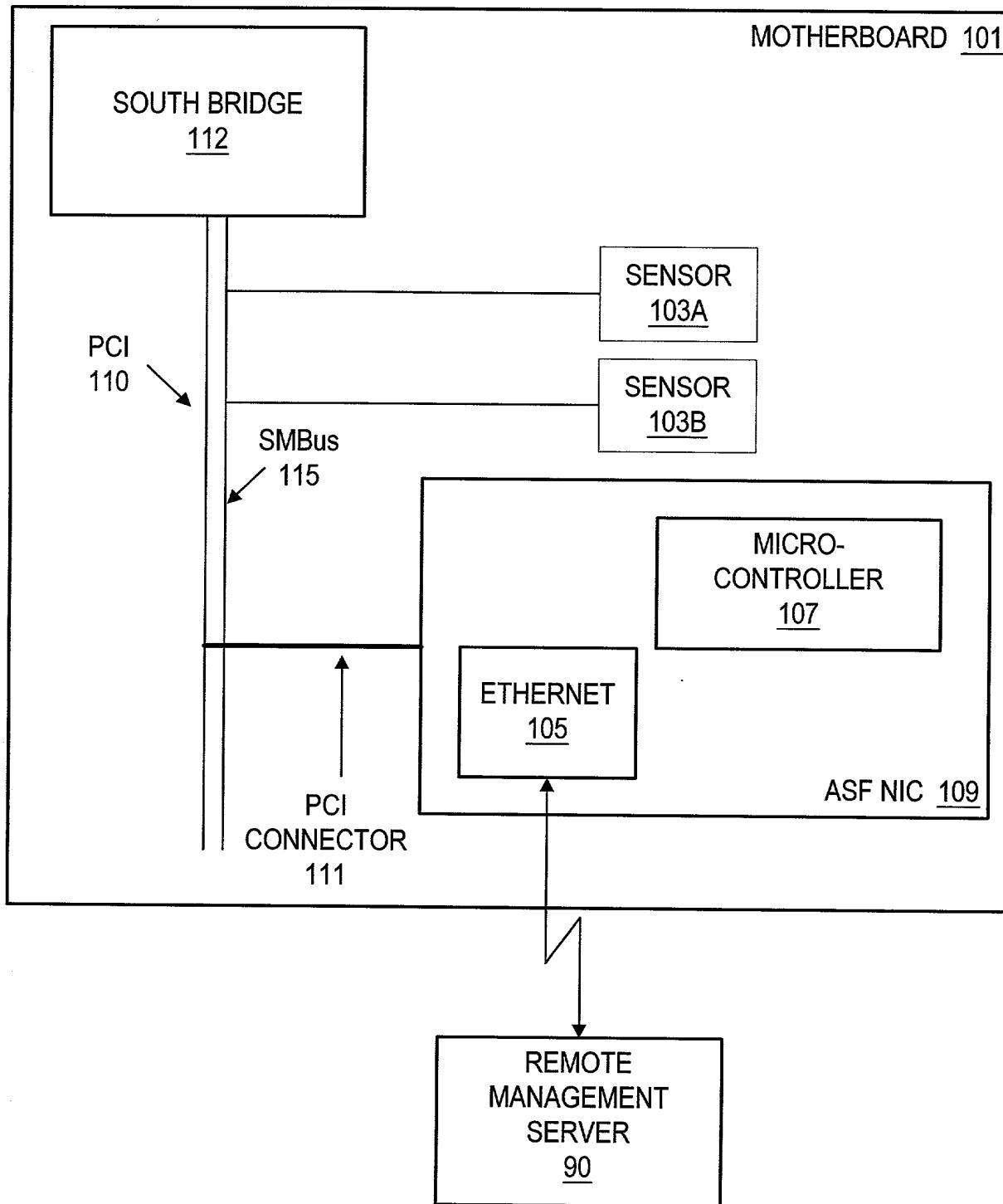


Fig. 1C
(Prior Art)

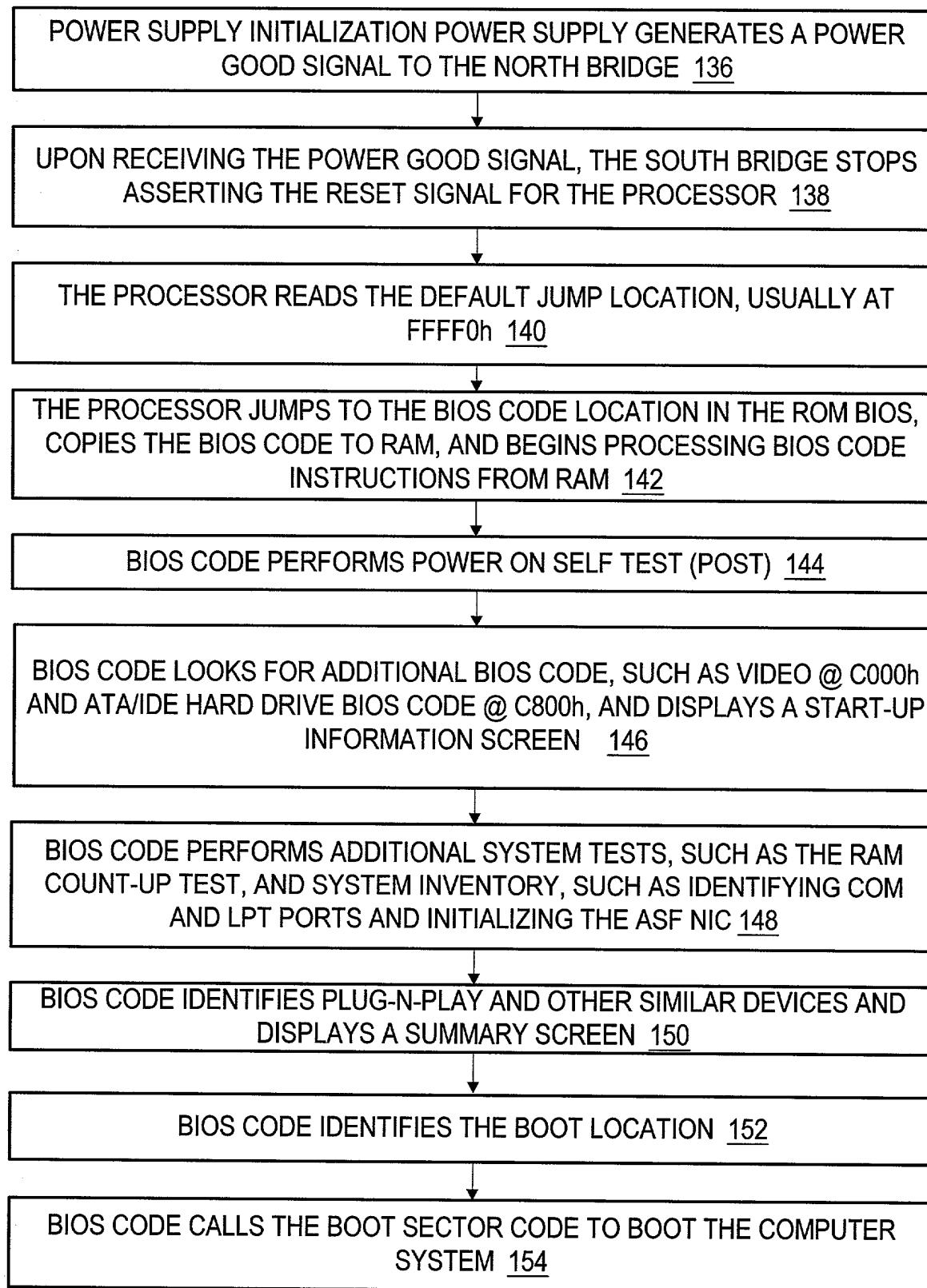


Fig. 2
(Prior Art)

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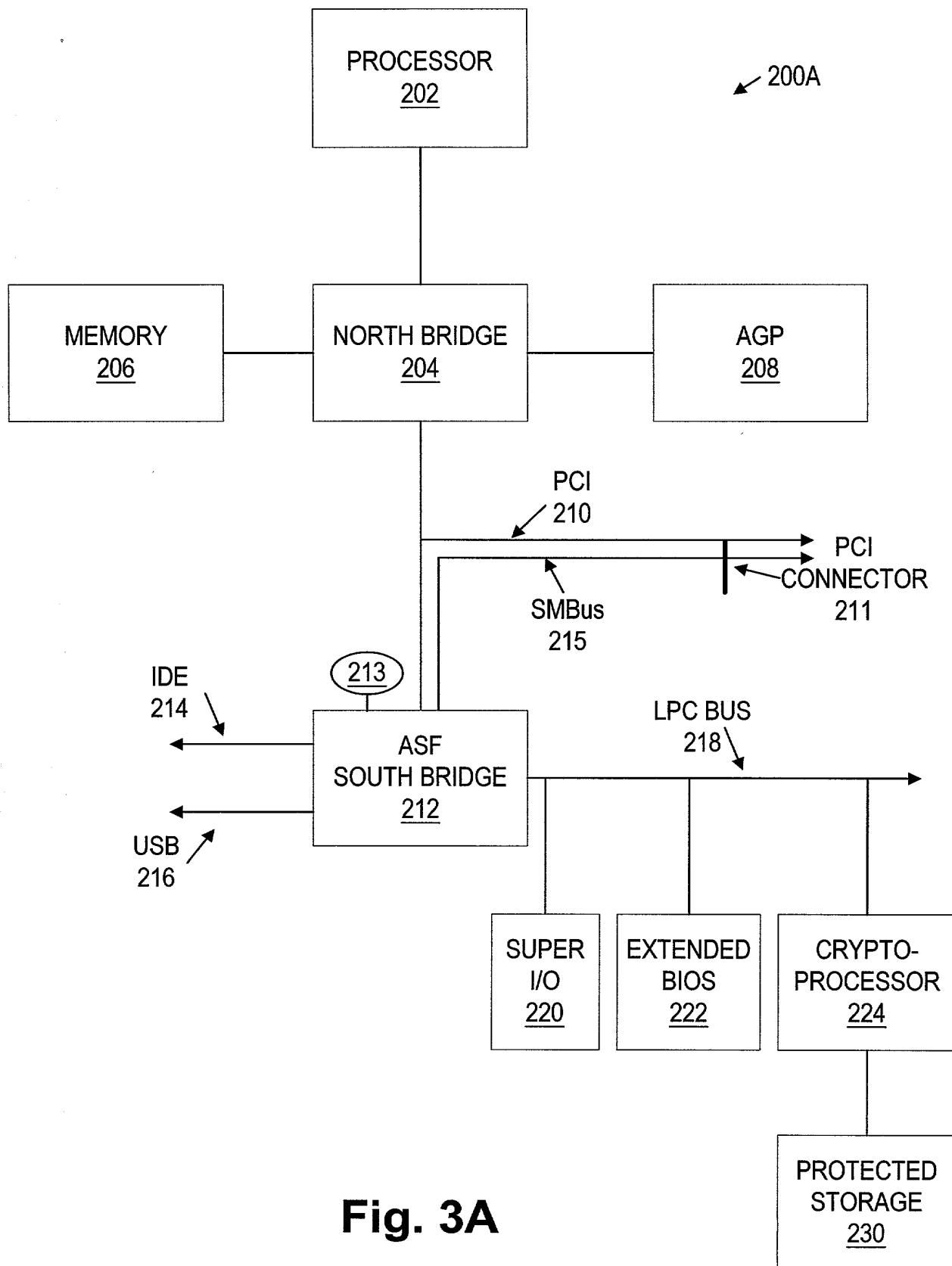


Fig. 3A

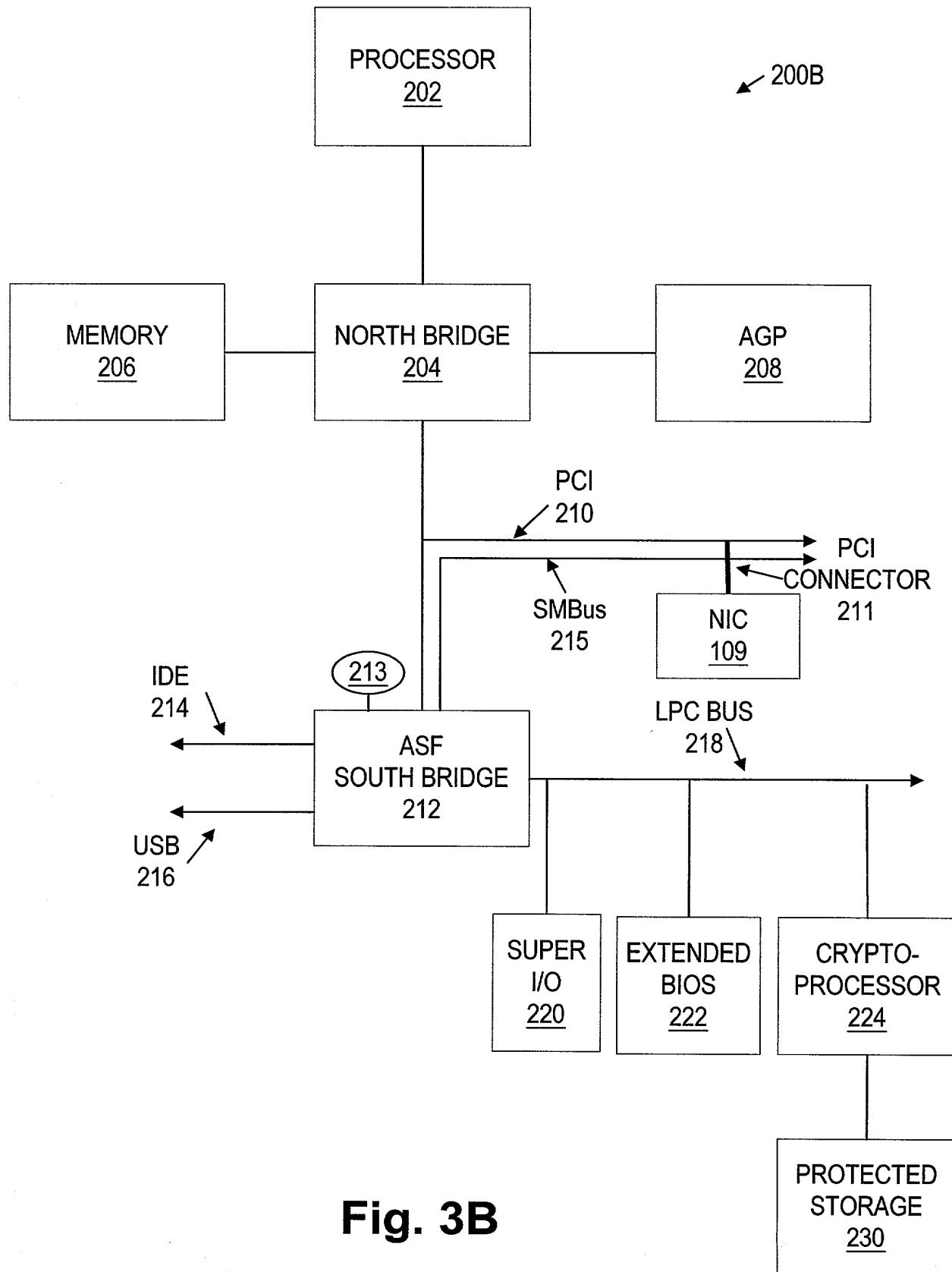


Fig. 3B

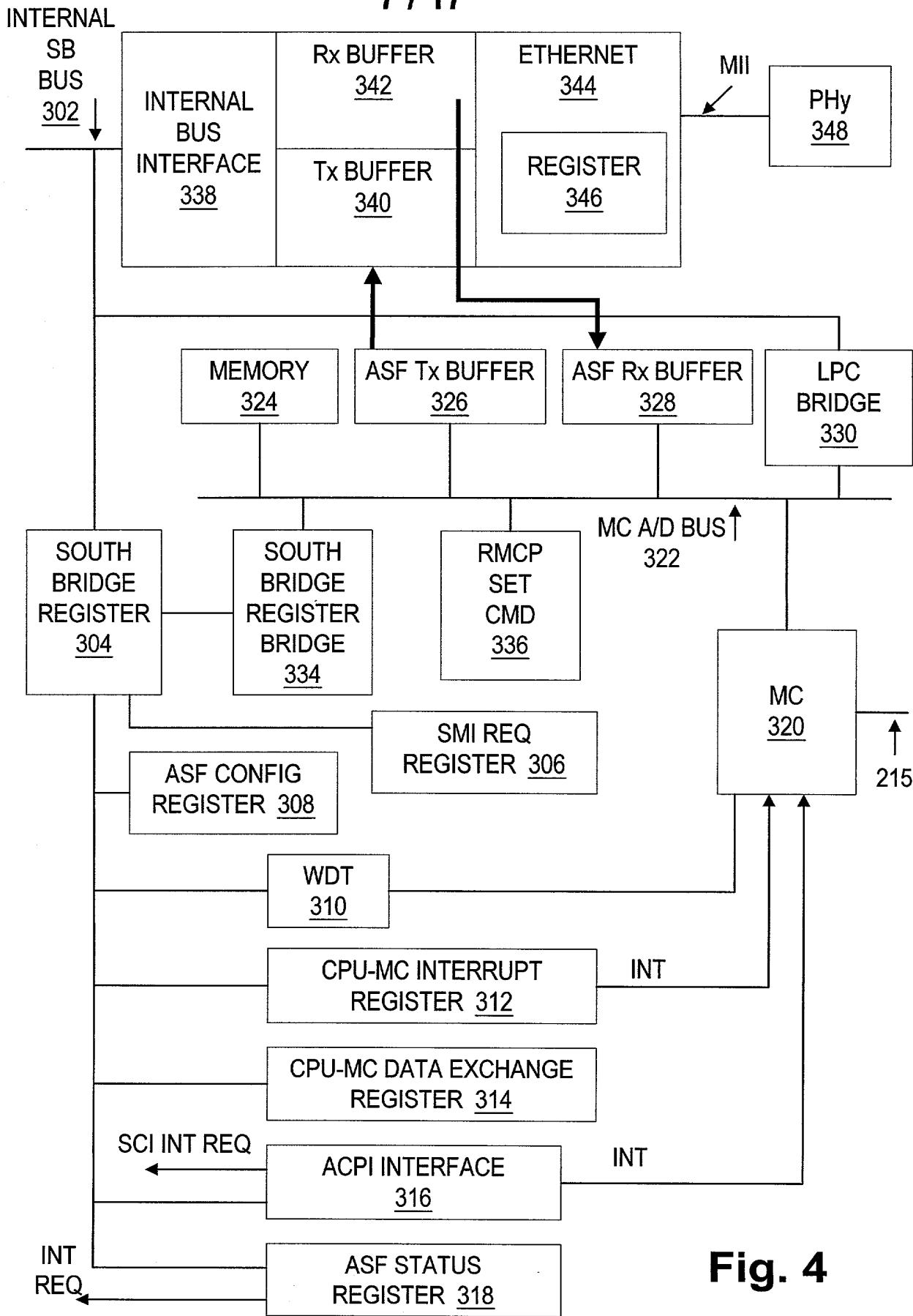
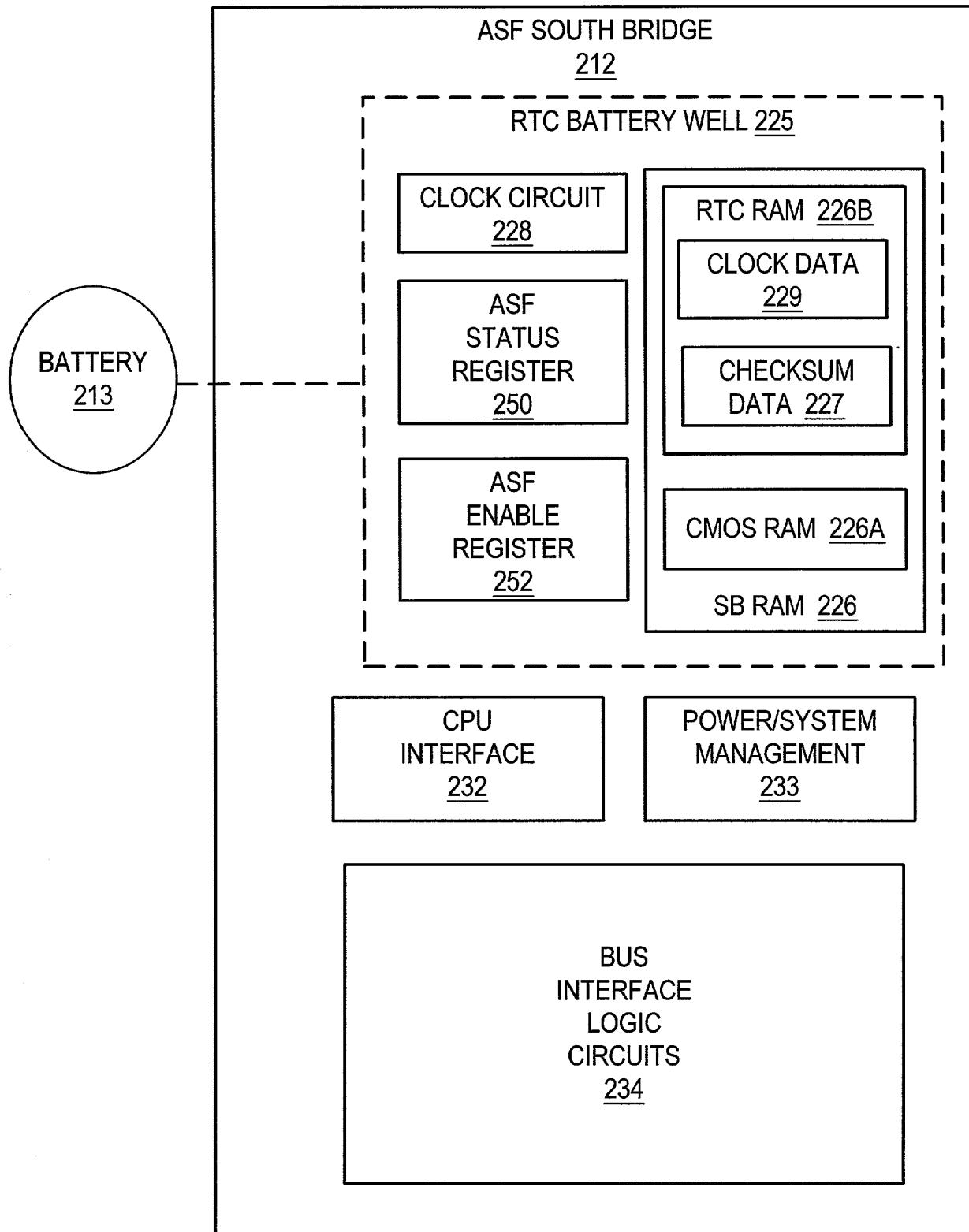


Fig. 4

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**Fig. 5**

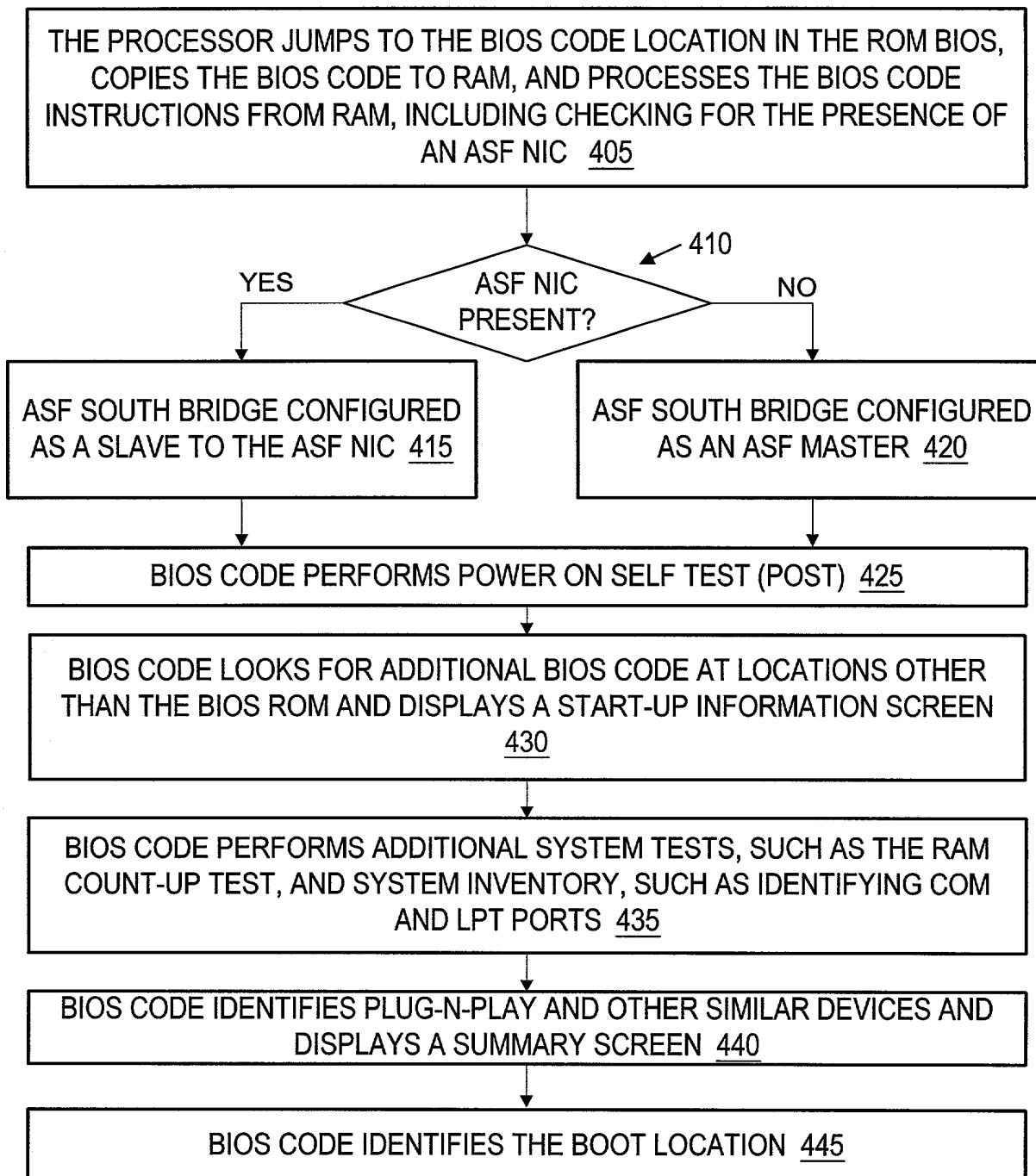


Fig. 6

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500

ASF SOUTH BRIDGE IN SLAVE MODE RESPONDS TO REQUESTS FROM THE
ASF NIC FOR INTERNAL SENSOR STATUS 505

ASF SOUTH BRIDGE IN SLAVE MODE RESPONDS TO SMBUS POLLS FROM
THE ASF NIC 510

Fig. 7A

600

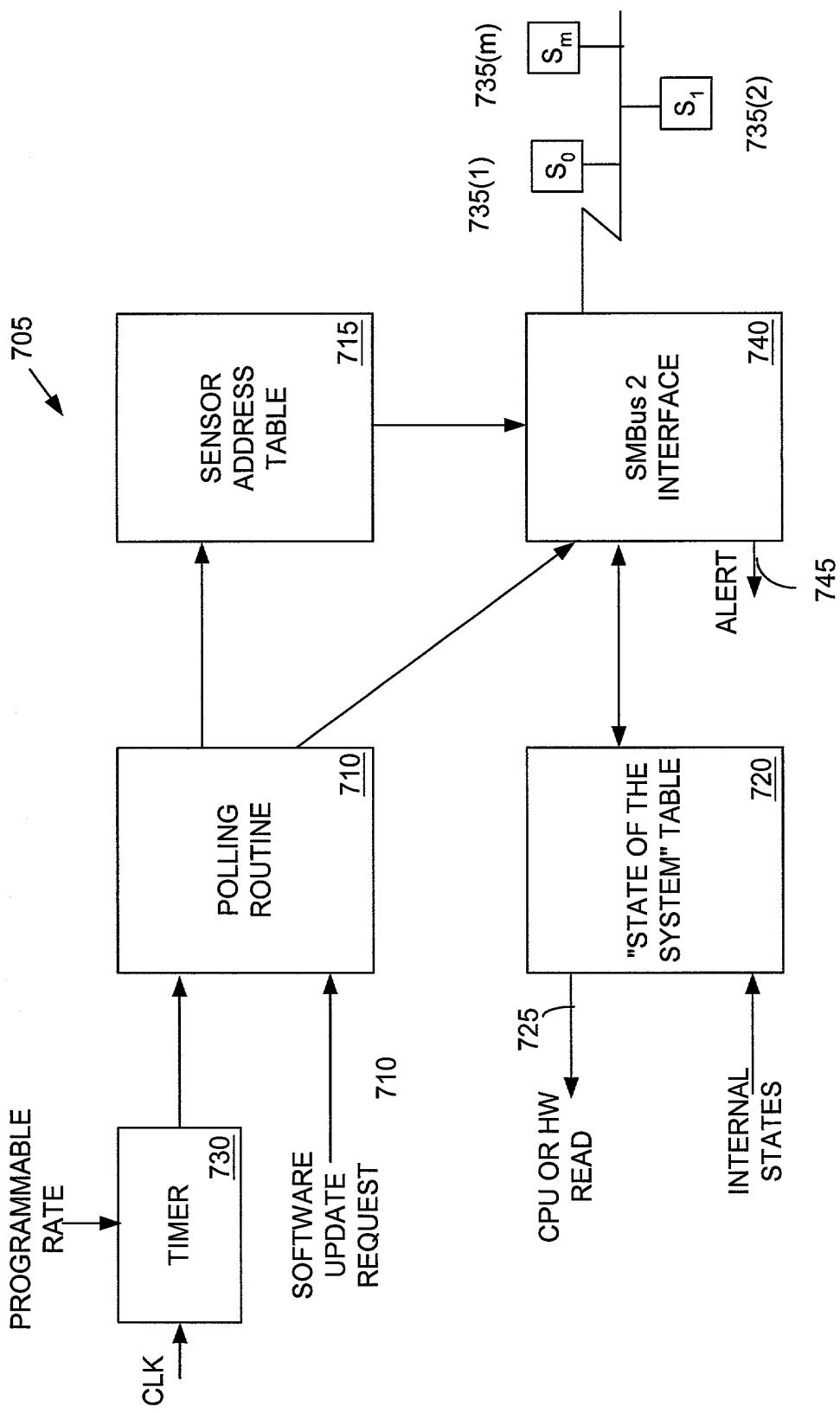
ASF SOUTH BRIDGE IN MASTER MODE ACTIVELY POLLS EXTERNAL
SENSORS COUPLED TO THE SMBUS 605

ASF SOUTH BRIDGE IN MASTER MODE ACTIVELY POLLS INTERNAL
SENSORS 610

ASF SOUTH BRIDGE IN MASTER MODE GENERATES INTERRUPTS AND
RESPONDS TO INTERRUPTS 615

ASF SOUTH BRIDGE IN MASTER MODE REPORTS INTERNAL AND EXTERNAL
SENSOR STATES TO THE REMOTE MANAGEMENT SERVER 620

Fig. 7B



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| Offset | Name | Description | |
|--------|--|---|--|
| 00h | Alert, Device Address (in ranges from 1 to Number of Alerts) | Contains the SMBus address to which the SMBus command is written, in the following format: | |
| | | Bits(s) | Description |
| | | 7:1 | Contains the SMBus address of the alert-capable device. |
| | | 0 | Identifies where (1) or not (0) the alerting condition is based on an exact match. |
| 01h | Alert, Command | Contains the SMBus Command or register value used to obtain the data associated with the alert. | |
| 02h | Alert, Data Mask | The data-mask to be logically AND'd with to the returned sensor data to isolate significant bits associated with this alert. | |
| 03h | Alert, Compare Value | The value to compare to the masked sensor data, if an exact match is specified in the Device Address field. If a match results, the alert associated with this condition should be sent by the alerting device. | |
| 04h | Alert, Event Sensor Type | The value to be set into the alert's Event Sensor Type field. | |
| 05h | Alert, Event Type | The value to be set into the alert's Event Type field. | |
| 06h | Alert, Event Offset | The value to be set into the alert's Event Offset field. | |
| 07h | Alert, Event Source Type | The value to be set into the alert's Event Source Type field. | |
| 08h | Alert, Event Severity | The value to be set into the alert's Event Severity field. | |
| 09h | Alert, Sensor Number | The value to be set into the alert's Sensor Number field. | |
| 0Ah | Alert, Entity | The value to be set into the alert's Entity field. | |
| 0Bh | Alert, Entity Instance | The value to be set into the alert's Entity Instance field. | |

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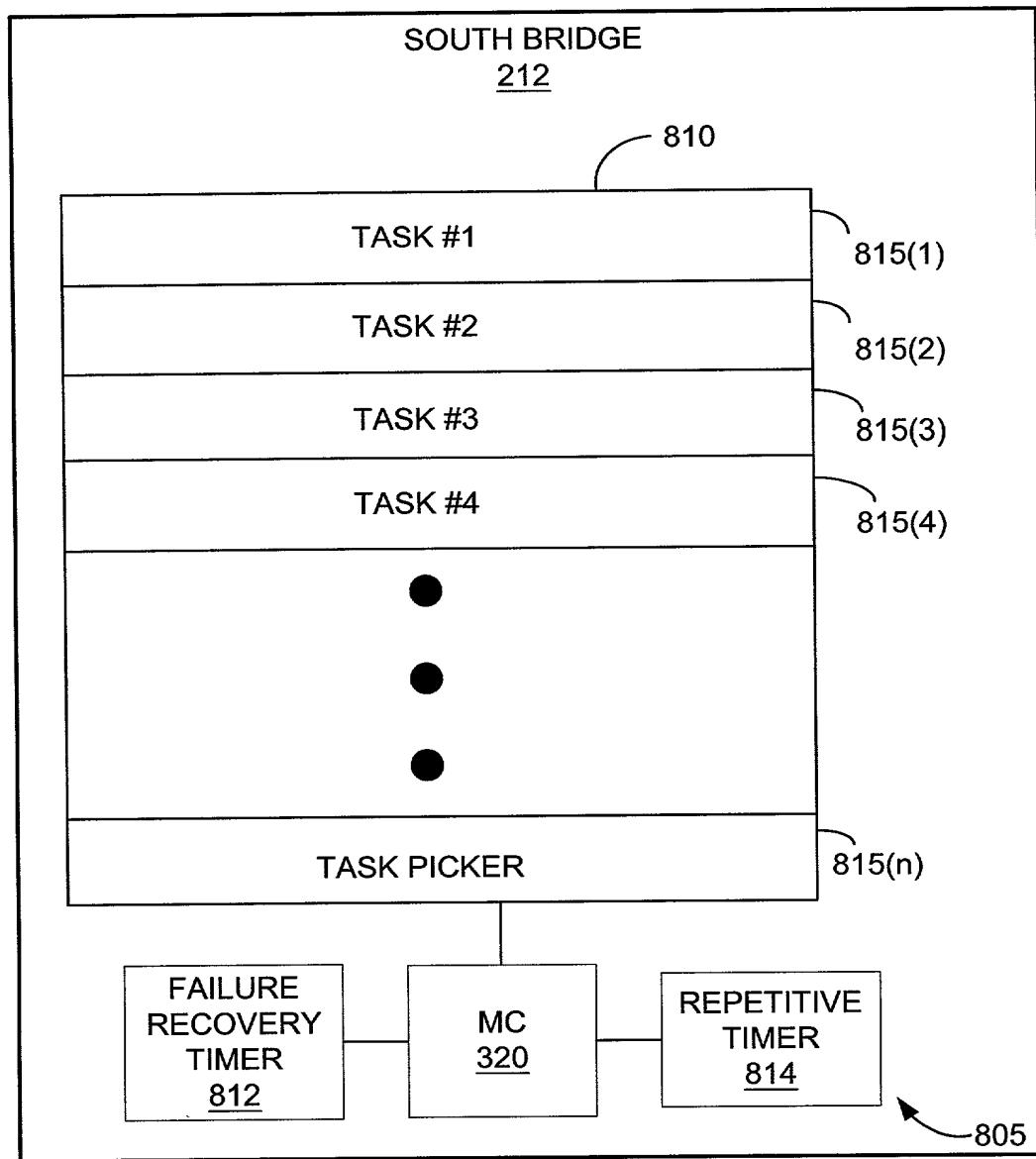


Fig. 8

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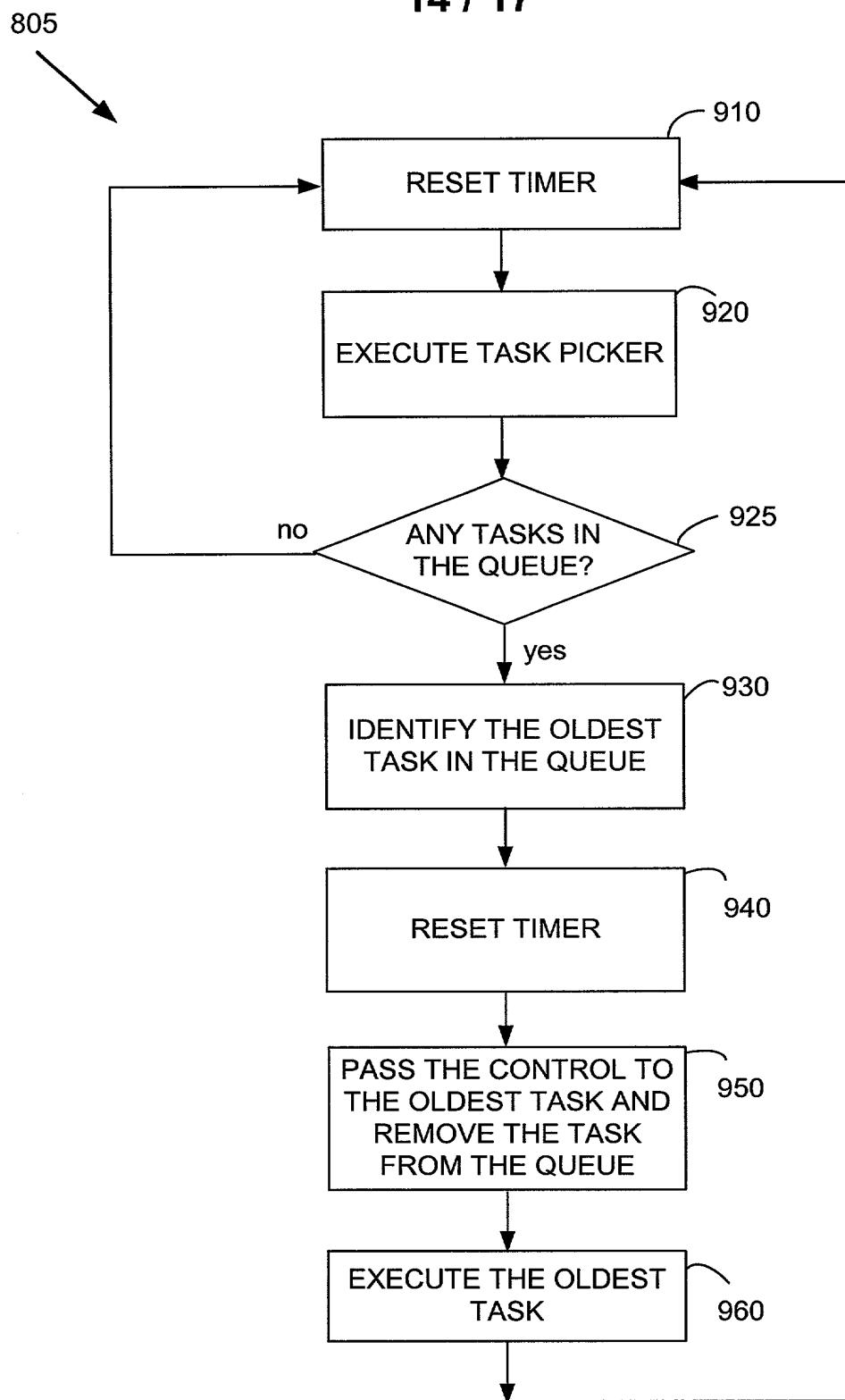


Fig. 9

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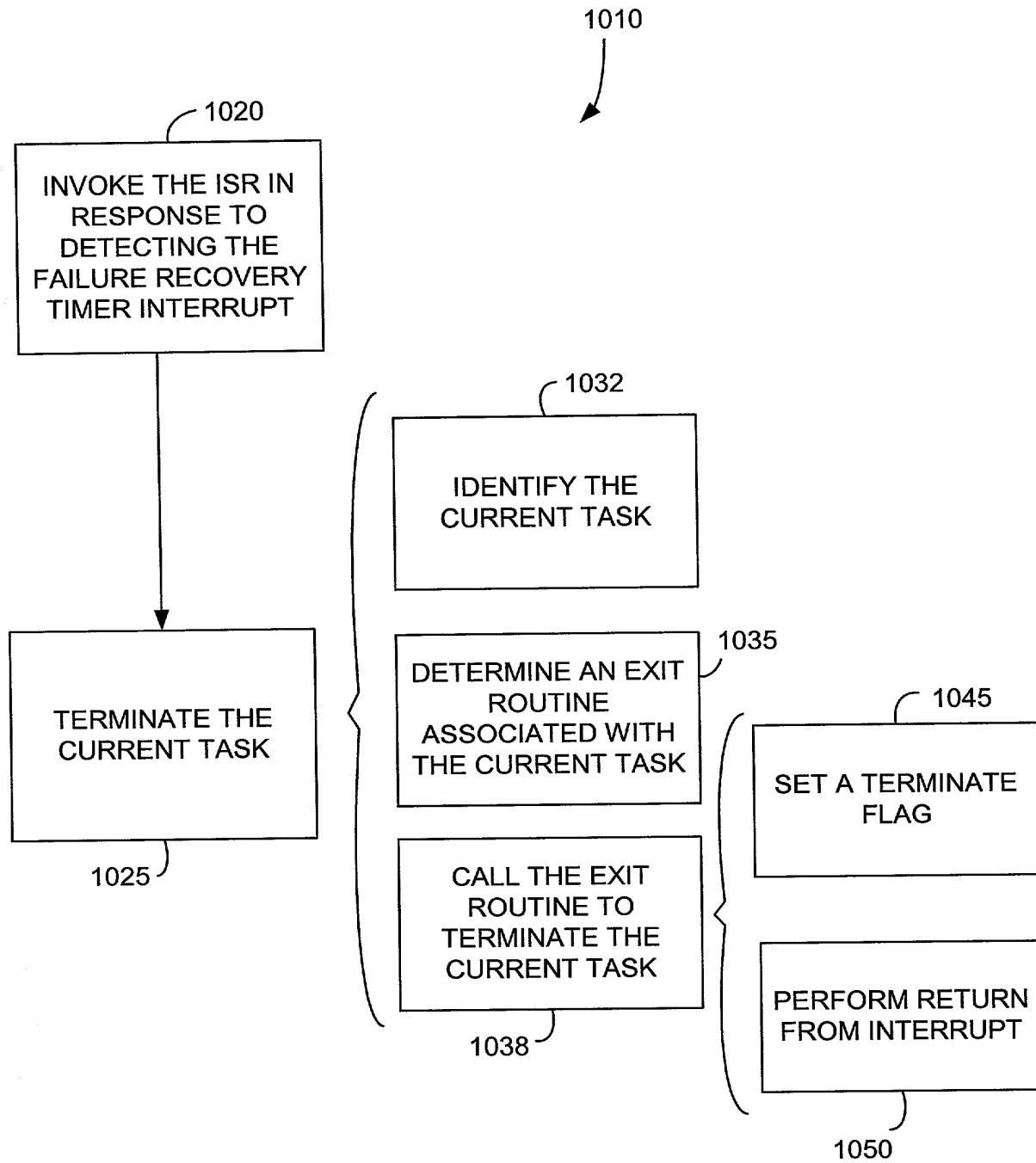


Fig. 10

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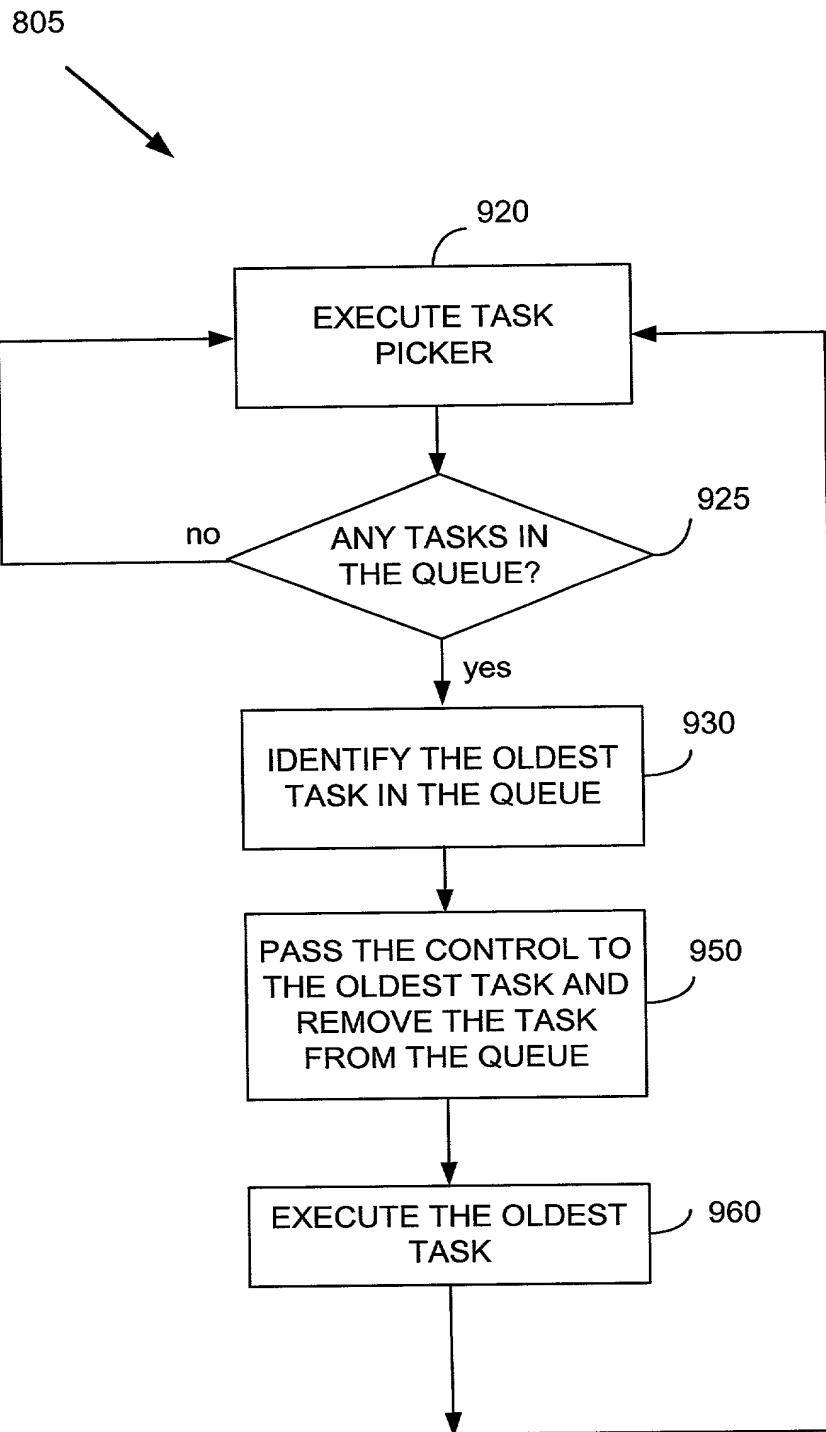


Fig. 11

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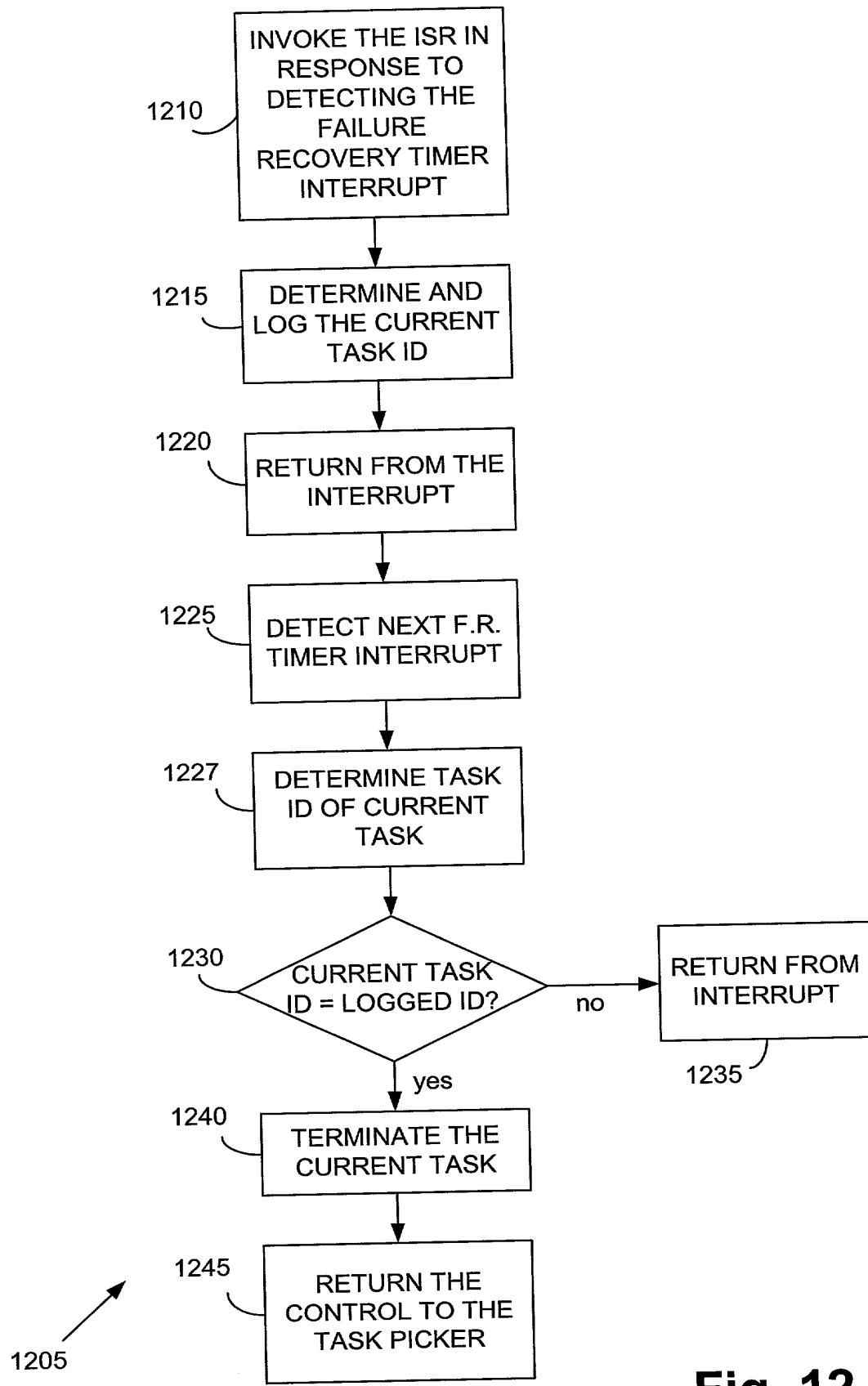


Fig. 12